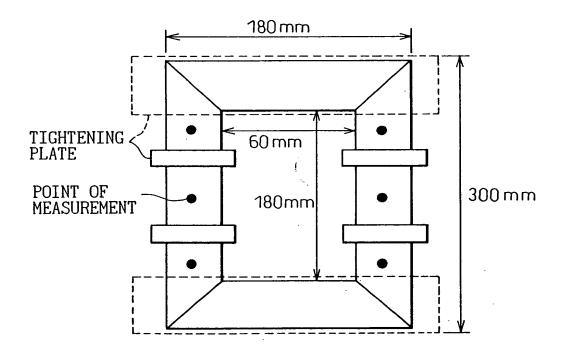
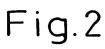
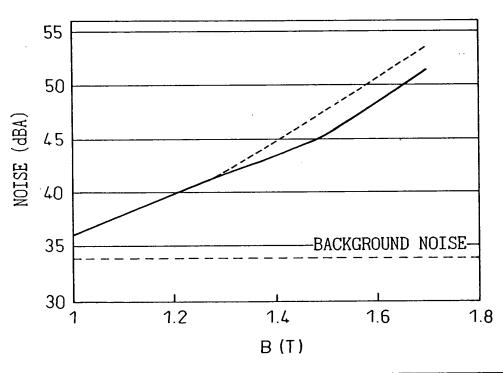
$\frac{1}{3}$

Fig.1



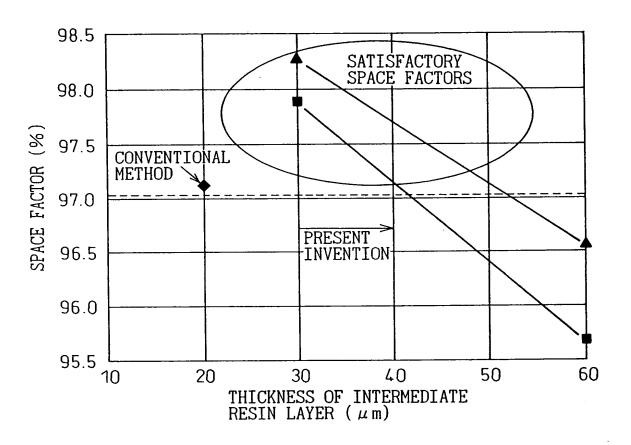




- 30 μm THICK VISCOELASTIC LAYERS INSERTED RANDOMLY AT THE RATIO OF ONE TO FOUR (PRESENT INVENTION)

---MULTI-LAYERED STEEL SHEETS
EACH OF WHICH HAS A 20 µm
THICK VISCOELASTIC LAYER
(CONVENTIONAL METHOD)

Fig.3



- ◆ MULTI-LAYERED STEEL SHEET (CONVENTIONAL METHOD)
- RANDOM INSERTION AT THE RATIO OF ONE TO FOUR (PRESENT INVENTION)
- ▲ RANDOM INSERTION AT THE RATIO OF ONE TO FIVE (PRESENT INVENTION)